

WPP PP PPH3MG3.7

Polypropylene Homopolymer
Washington Penn Plastic Co. Inc.

Message:

WPP PP PPH3MG3.7 is a Polypropylene Homopolymer (PP Homopolymer) product filled with 37% glass\mica. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of WPP PP PPH3MG3.7 include automotive and industrial applications. Primary characteristic: homopolymer.

General Information			
Filler / Reinforcement	Glass\Mica,37% Filler by Weight		
Features	Homopolymer		
	Medium Flow		
Uses	Automotive Applications		
	Industrial Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	7.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	66.2	MPa	ASTM D638
Tensile Elongation ² (Break)	12	%	ASTM D638
Flexural Modulus - Tangent	6270	MPa	ASTM D790
Flexural Strength	103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	80	J/m	ASTM D256
Unnotched Izod Impact (23°C, 3.18 mm)	460	J/m	ASTM D256
Gardner Impact (23°C)	0.904	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	158	°C	
1.8 MPa, Unannealed	142	°C	
NOTE			
1.	51 mm/min		
2.	51 mm/min		

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